Journal of Dentistry, 13, No. 4, 1985, pp. 357–360 *Printed in Great Britain*

INDEX

Volume 13 Numbers 1–4 March–December 1985

Abstracts, 77, 170, 264, 354
Adhesives, denture: their effects on denture retention and stability, 152
Al-Mulla M. A. S.: *see* Fletcher A. M.
Amin W. M.: *see* Fletcher A. M.
Anatomical anomaly of the lingual border of the mandibular impression, 255
Anatomical variation, errors in mounting maxillary casts using face-bow records as a result of, 277

Bitewing radiographs, diagnosis and treatment decision when using—a comparison between two dental schools, 140
Bonding, method of improving, between artificial teeth and PMMA, 102
Book Reviews, 71, 166, 261
Boone M. E.: *see* Chew C. L.
Brush wear, structural and physical factors affecting the, of dental composites, 60
Bruxists, occlusal wear in, results of a new *in vivo* method of measuring, 123

Calcium hydroxide (Calnex) alone, intraoral comparison of, and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria, 52
Candidosis, palatal, effect of miconazole on, induced in the Wistar rat, 288
Caries, dental, effect of a decreasing prevalence of, on the future teaching curriculum, 160
Caries-like attack *in vitro*, artificial, effect of X-radiation on the susceptibility of enamel to, 41
Chew C. L., Boone M. E., Swartz M. L. and Phillips R. W.: Denture adhesives: their effects on denture retention and stability, 152
Chow T. W., Clark R. F. K. and Cooke M. S.: Errors in mounting maxillary casts using face-bow records as a result of an anatomical variation, 277
Christensen J.: Introducing gerodontology to students in Denmark, 184
Clark C. G.: *see* Dunne S. M.
Clark R. F. K.: *see* Chow T. W.
Clark R. K. F.: *see* Dyson J. E.
Clasping using Wiptam wrought wire, 311
Cleaton-Jones P.: *see* Volchansky A.
Combe E. C. (ed.): Dental materials: 1982 literature review. Part 1, 1
Combe E. C. (ed.): Dental materials: 1982 literature review. Part 2, 192
Composite resins, porosity in—an Achilles' heel?, 331
Contouring, comparison of methods for, the occlusal surfaces of posterior composite restorations, 109
Cooke M. S.: *see* Chow T. W.
Craig G. T.: *see* Morris M. M.
Cunningham J. L.: Clasping using Wiptam wrought wire, 311

Davidson C. L.: *see* de Gee A. J.
Denmark, introducing gerodontology to students in, 184
Dental composites, brush wear of, structural and physical factors affecting the, 60
Dental materials: 1982 literature review. Part 1, 1
Dental materials: 1982 literature review. Part 2, 192
Dental posts, vented-cast, retention of, 267
Dental practice, identification of the medically compromised patient in, 45
Dental schools, comparison between two—diagnosis and treatment decisions when using bitewing radiographs, 140
Dentinal defects, chronology of, related to medical findings in hypoparathyroidism, 346
Denture adhesives: their effects on denture retention and stability, 152
  hygiene, measurement of, gravimetric technique for, 271
  stomatitis, leucocyte function in, 84
    patients with, study of salivary hydrogen ion concentration in, 350
Dodd A. W.: *see* Fletcher A. M.
Dummer P.: *see* Mileman P.
Dunne S. M. and Clark C. G.: The identification of the medically compromised patient in dental practice, 45
Dyson J. E. and Clark R. K. F.: An approach to the preclinical teaching of removable partial-denture technique, 341

Electric conductance, measurement of, of cement during setting: kinetic studies on zinc phosphate dental cement, 237
Enamel, effect of X-radiation on the susceptibility of, to an artificial caries-like attack *in vitro*, 41
Ethnic variations in sagittal condylar guidance angles, 304

Face-bow records, errors in mounting maxillary casts using, as a result of an anatomical variation, 277
Fanibunda K. B.: A laboratory study to investigate the differentiation of pulp vitality in human teeth by temperature measurement, 295
Fatti L. P.: *see* Volchansky A.
Fenton R. A.: *see* Smales R. J.
Ferguson H.: *see* Taaffe A.
Fletcher A. M., Al-Mulla M. A. S., Amin W. M., Dodd A. W. and Ritchie G. M.: A method of improving the bonding between artificial teeth and PMMA, 102
Fletcher A. M.: Ethnic variations in sagittal condylar guidance angles, 304
Flynn J., Galloway R. and Orchardson R.: The incidence of 'hypersensitive' teeth in the West of Scotland, 230
Forster R.: *see* Taaffe A.

Galloway R.: *see* Flynn J.
de Gee A. J., ten Harkel-Hagenaar H. C. and Davidson C. L.: Structural and physical factors affecting the brush wear of dental composites, 60
Geissler P. R.: An investigation of the stress factor in the mandibular dysfunction syndrome, 283
Gerondotology, introducing, to students in Denmark, 184
Glasgow J. F. T.: *see* Kinirons M. J.
Golds L.: The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge, 91
Gravimetric technique for measurement of denture hygiene, 271
Guidance angles, sagittal condylar, ethnic variations in, 304
ten Harkel-Hagenaar H. C.: *see* de Gee A. J.
Hypersensitive teeth, incidence of, in the West of Scotland, 230
Hypoparathyroidism, chronology of dentinal defects related to medical findings in, 346

Intraoral comparison of calcium hydroxide (Calnex) alone and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria, 52

Joyston-Bechal S.: The effect of X-radiation on the susceptibility of enamel to an artificial caries-like attack *in vitro*, 41

Ketelaar J. A. A.: *see* Wiegman-Ho L.
Kinetic studies on zinc phosphate dental cement: measurement of the electric conductance of cement during setting, 237
Kinirons M. J. and Glasgow J. F. T.: The chronology of dentinal defects related to medical findings in hypoparathyroidism, 346

Laboratory for teaching oral-surgical-technique, 318
Laboratory study to investigate the differentiation of pulp vitality in human teeth by temperature measurement, 295
Lamb D. J.: *see* Morris M. M.
Ledermix, intraoral comparison of calcium hydroxide (Calnex) alone in combination with, in first permanent mandibular molars using to direct inspection criteria, 52
Leucocyte function in denture stomatitis, 84
Linden G.: The loss of the remaining natural teeth, 132
Lingual border, anatomical anomaly of, of the mandibular impression, 255
Loss of the remaining natural teeth, 132

Mandibular alveolar ridge, gross resorption of, prosthetic treatment in the presence of, 91
Mandibular dysfunction syndrome, investigation of the stress factor in, 283
impression, an anatomical anomaly of the lingual border of, 255
Martin M. V.: *see* Morris M. M.
Materials, dental: 1982 literature review. Part 1, 1
Materials, dental: 1982 literature review. Part 2, 192
Maxillary casts, errors in mounting, using face-bow records as a result of an anatomical variation, 277
Medically compromised patient, identification of, in dental practice, 45
Miconazole, effect of, on palatal candidosis induced in the Wistar rat, 288
Mileman P., Purdell-Lewis D. J., Dummer P. and van der Weele L.: Diagnosis and treatment decisions when using bitewing radiographs—a comparison between two dental schools, 140
Morris M. M., Martin M. V., Lamb D. J. and Craig G. T.: The effect of miconazole on palatal candidosis induced in the Wistar rat, 288
Mutilated dentition, restoration of, 173

Natural teeth, remaining, loss of, 132

Occlusal surfaces, comparison of methods for contouring the, of posterior composite restorations, 109
Occlusal wear in bruxists, results of a new *in vivo* method of measuring, 123
Oral mucosal changes, assessment of, in patients treated with different metallic restorations and prostheses, 244
Orchardson R.: *see* Flynn J.

Partial-denture technique, removable, approach to the preclinical teaching of, 341
Phillips R. W.: *see* Chew C. L.
PMMA and artificial teeth, bonding between, method of improving the, 102

Porosity in composite resins—an Achilles' heel?, 331
Preclinical teaching, approach to, of removable partial-denture technique, 341
Preiskel H. W.: The restoration of the mutilated dentition, 173
Prostheses and restorations, different metallic, assessment of oral mucosal changes in patients treated with, 244
Prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge, 91
Pulp vitality, laboratory study to investigate the differentiation of, in human teeth by temperature measurement, 295
Purdell-Lewis D. J.: *see* Mileman P.

Resorption, gross, prosthetic treatment in the presence of, of the mandibular alveolar ridge, 91
Restoration of the mutilated dentition, 173
Restorations and prostheses, different metallic, assessment of oral mucosal changes in patients treated with, 244
Restorations, posterior composite, comparison of methods for contouring the occlusal surfaces of, 109
Retention of vented-cast dental posts, 267

Reviews

Burket's Oral Medicine, Diagnosis and Treatment, 8th ed. (M. A. Lynch, V. J. Brightman and M. S. Greenberg), 72
Cariology Today (B. Guggenheim), 168
Colour Atlas of Oral Pathology (K. W. Lee), 262
Concise Dental Anatomy and Morphology (J. L. Fuller and G. E. Denehy), 167
Dental Anatomy, 3rd ed. (J. B. Woelfel), 75
Dental Management of the Medically Compromised Patient, 2nd ed. (J. W. Little and D. A. Falace), 261
Dental Treatment of the Elderly, Dental Practitioner Handbook No. 35, (J. F. Bates, D. Adams and G. D. Stafford), 168
Designing Partial Dentures (D. M. Watt and A. R. MacGregor), 167
Endodontics, 3rd ed. (E. Nicholls), 169
Essentials of Periodontics, 3rd ed. (E. A. Pawlah and P. M. Hoag), 75
Frontiers of Oral Physiology. Steroid Hormones in Saliva. 5. (ed. D. B. Ferguson), 73
Guide to Periodontics (W. M. M. Jenkins, C. J. Allan and W. J. N. Collins), 74
Impacted Lower Wisdom Tooth (A. J. MacGregor), 262
Inlays, Crowns and Bridges (G. E. Kantorowicz), 310
Introduction to Fixed Appliances, Dental Practitioner Handbook No. 7, 3rd ed. (K. G. Isaacson and J. K. Williams), 71
Monheim's Local Anaesthesia and Pain Control in Dental Practice, 7th ed. (C. R. Bennett), 166
Oral Cancer (G. Shklar), 72
Principles and Practice of Oral Medicine (Sonis, Fazio and Fang), 71
Surgery for Dental Students, 4th ed. (M. F. A. Woodruff and H. E. Berry), 75
Surgical Endodontics. A Colour Manual (I. E. Barnes), 73
Systemic Disease for Dental Students (T. J. Bayley and S. J. Leinster), 73
1984 Year Book of Dentistry (ed. D. W. Cohen), 261
1985 Dental Annual (ed. D. D. Derrick), 166

Riggott J. M.: *see* Taaffe A.
Ritchie G. M.: *see* Fletcher A. M.
Rogden A.: Porosity in composite resins—an Achilles' heel? 331
Rukmo M. and Wilson N. H. F.: A comparison of methods for contouring the occlusal surfaces of posterior composite restorations, 109
Russell M. D.: Results of a new *in vivo* method of measuring the occlusal wear in bruxists, 123

Salivary hydrogen ion concentration in patients with denture stomatitis, study of, 350
Santini A. H.: Intraoral comparison of calcium hydroxide (Calnex) alone and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria, 52
Smales R. J. and Fenton R. A.: Immediate-polished and as-carved Tytin restorations after three years, 79
Stacy G. C.: A laboratory for technique oral surgical tuition, 318
Stress factor, investigation of, in the mandibular dysfunction syndrome, 283
Swartz M. L.: *see* Chew C. L.
Syrjanen K.: *see* Syrjanen S.
Syrjanen S., Syrjanen K. and Yli-Urpo A.: Assessment of oral mucosal changes in patients treated with different metallic restorations and prostheses, 244

Taaffe A., Ferguson H. and Riggott J.: Leucocyte function in denture stomatitis, 84
Taaffe A. and Riggott J. M.: A gravimetric technique for measurement of denture hygiene, 271
Taaffe A., Riggott J. and Forster R.: A study of salivary hydrogen ion concentration in patients with denture stomatitis, 350
Teaching curriculum, future, effect of a decreasing prevalence of dental caries on, 160
Teeth, artificial, and PMMA, bonding between, method of improving the, 102
Temperature measurement, pulp vitality in human teeth by, laboratory study to investigate the differentiation of, 295

Temperature, gingival and labial vestibular, in young individuals, 323
Turner C. H. and Willoughby A. F. W.: The retention of vented cast dental posts, 267
Tytin restorations, immediate-polished and as-carved, after three years, 79

van de Poel A. C. M.: *see* Purdell-Lewis D. J.
van der Weele L.: *see* Mileman P.
Volchansky A., Wright P. G., Cleaton-Jones P. and Fatti L. P.: Gingival and labial vestibular temperature in young individuals, 323

Wiegman-Ho L. and Ketelaar J. A. A.: Kinetic studies on zinc phosphate dental cement: measurement of the electric conductance of cement during setting, 237
Willoughby A. F. W.: *see* Turner C. H.
Wilson N. H. F.: *see* Rukmo M.
Wiptam wrought wire, clasping using, 311
Wright P. G.: *see* Volchansky A.
Wright S. M.: An anatomical anomaly of the lingual border of the mandibular impression, 255

Yli-Urpo A.: *see* Syrjanen S.

Zinc phosphate dental cement, kinetic studies on: measurement of the electric conductance of cement during setting, 237

CONTENTS OF VOLUME 13

NUMBER 1

Dental materials: 1982 literature review. Part 1 — *E. C. Combe (Editor)* — 1

The effect of X-radiation on the susceptibility of enamel to an artificial caries-like attack *in vitro* — *S. Joyston-Bechal* — 41

The identification of the medically compromised patient in dental practice — *S. M. Dunne and C. G. Clark* — 45

Intraoral comparison of calcium hydroxide (Calnex) alone and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria — *A. H. Santini* — 52

Structural and physical factors affecting the brush wear of dental composites — *A. J. de Gee, H. C. ten Harkel-Hagenaar and C. L. Davidson* — 60

Book Reviews — 71

Abstracts — 77

NUMBER 2

Immediate-polished and as-carved Tytin restorations after three years — *R. J. Smales and R. A. Fenton* — 79

Leucocyte function in denture stomatitis — *A. Taaffe, H. Ferguson and J. Riggott* — 84

The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge — *L. Golds* — 91

A method of improving the bonding between artificial teeth and PMMA — *A. M. Fletcher, M. A. S. Al-Mulla, W. M. Amin, A. W. Dodd and G. M. Ritchie* — 102

A comparison of methods for contouring the occlusal surfaces of posterior composite restorations — *M. Rukmo and N. H. F. Wilson* — 109

Results of a new *in vivo* method of measuring the occlusal wear in bruxists — *M. D. Russell* — 123

The loss of the remaining natural teeth — *G. Linden* — 132

Diagnosis and treatment decisions when using bitewing radiographs—a comparison between two dental schools — *P. Mileman, D. J. Purdell-Lewis, P. Dummer and L. van der Weele* — 140

Denture adhesives: their effects on denture retention and stability — *C. L. Chew, M. E. Boone, M. L. Swartz and R. W. Phillips* — 152

The effect of a decreasing prevalence of dental caries on the future teaching curriculum — *D. J. Purdell-Lewis and A. C. M. van de Poel* — 160

Book Reviews — 166

Abstracts — 170

NUMBER 3

The restoration of the mutilated dentition — *H. W. Preiskel* — 173

Introducing gerodontology to students in Denmark — *J. Christensen* — 184

Dental materials: 1982 literature review Part 2 — *E. C. Combe (Editor)* — 192

The incidence of 'hypersensitive' teeth in the West of Scotland — *J. Flynn, R. Galloway and R. Orchardson* — 230

Kinetic studies on zinc phosphate dental cement: measurement of the electric conductance of cement during setting — *L. Wiegman-Ho and J. A. A. Ketelaar* — 237

Assessment of oral mucosal changes in patients treated with different metallic restorations and prostheses — *S. Syrjanen, K. Syrjanen and A. Yli-Urpo* — 244

An anatomical anomaly of the lingual border of the mandibular impression *S. M. Wright* 255
Book Reviews 261
Abstracts 264

NUMBER 4

The retention of vented-cast dental posts *C. H. Turner and A. F. W. Willoughby* 267
A gravimetric technique for measurement of denture hygiene *A. Taaffe and J. M. Riggott* 271
Errors in mounting maxillary casts using face-bow records as a result of an anatomical variation *T. W. Chow, R. K. F. Clark and M. S. Cooke* 277
An investigation of the stress factor in the mandibular dysfunction syndrome *P. R. Geissler* 283
The effect of miconazole on palatal candidosis induced in the Wistar rat *M. M. Norris, D. J. Lamb, G. T. Craig and M. V. Martin* 288
A laboratory study to investigate the differentiation of pulp vitality in human teeth by temperature measurement *K. B. Fanibunda* 295
Ethnic variations in sagittal condylar guidance angles *A. M. Fletcher* 304
Clasping using Wiptam wrought wire *J. L. Cunningham* 311
A laboratory for teaching oral-surgical technique *G. C. Stacy* 318
Gingival and labial vestibular temperature in young individuals *A. Volchansky, P. Cleaton-Jones, P. G. Wright and L. P. Fatti* 323
Porosity in composite resins—an Achilles' heel? *A. R. Ogden* 331
An approach to the preclinical teaching of removable partial-denture technique *J. E. Dyson and R. K. F. Clark* 341
The chronology of dentinal defects related to medical findings in hypoparathyroidism *M. J. Kinirons and J. F. T. Glasgow* 346
A study of salivary hydrogen ion concentration in patients with denture stomatitis *A. Taaffe, J. Riggott and R. Forster* 350
Abstracts 354
Index 357